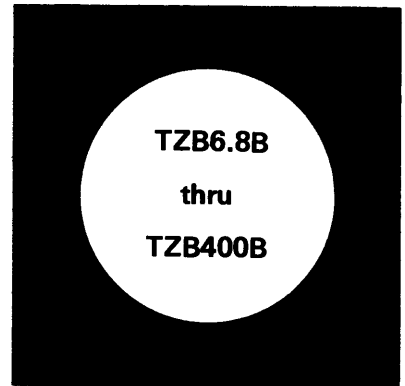
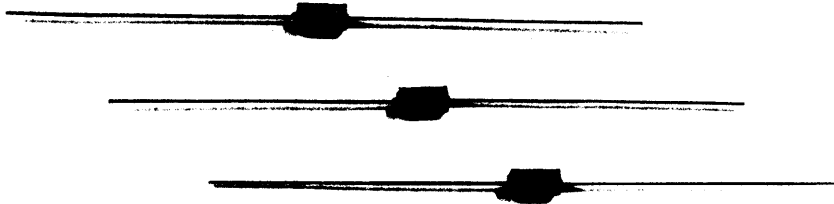


400 WATT

TRANSIENT VOLTAGE SUPPRESSOR DIODES



FEATURES

- 400 WATTS PEAK POWER
- 1 WATT @ 75°C AMBIENT
- SURGE RATED
- LOW FORWARD VOLTAGE DROP
- COLD CASE DESIGN (MOLDED)
- HIGH TEMPERATURE OPERATION
- SPECIAL MATCHING AVAILABLE

The TZB6.8 Series of voltage transient suppressor diodes are designed to protect electronic equipment from failure due to voltage transients. Their avalanche characteristics coupled with special internal design for rapid junction cooling under pulse power stress makes them most useful in airborne, telephone and other equipments where large voltage transients are frequent.

The inherent fast response of these devices and broad choice of stand-off voltage ratings enables the designer to protect a wide range of both active and passive circuit components which may be damaged by voltage transients.

MAXIMUM RATINGS: (See Notes)

Maximum Temperatures

Ambient Storage and Operating Range	Tstg, TA	-65°C to +175°C
Lead Temperature (For soldering 1/16 inch from case for 10 sec.)		230°C

Maximum Power

Peak Power Dissipation (1.0 msec pulse width, TA = 25°C, Fig. 2)	PP	400 Watts
DC Power Dissipation (TA = 75°C)	PM	1.0 Watt

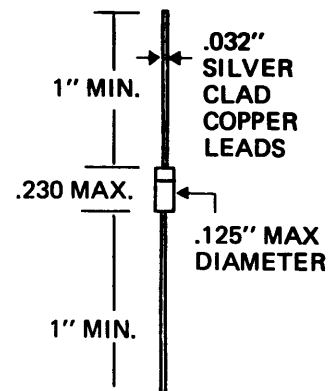
Maximum Currents

Maximum Pulse Current	IPP	See Page 2 (Note 2)
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Peak Forward One-Cycle Surge Current (1/2 60 Hz sine wave) TA = 25°C	IFM surge	50.0 Amps
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Maximum Forward Voltage TA = 25°C @ 1.0 Amps DC	VF	1.0 Volts
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MECHANICAL DATA



CASE: EPOXY MOLDED
POLARITY: INDICATED BY CATHODE BAND

Notes:

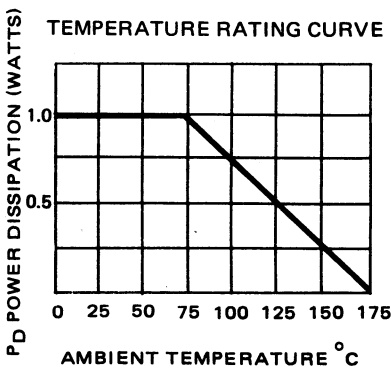
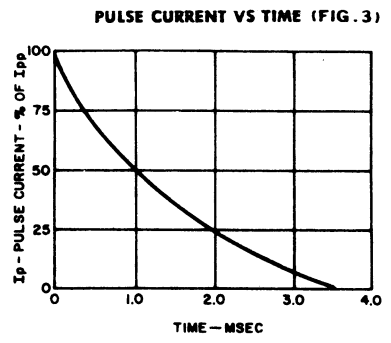
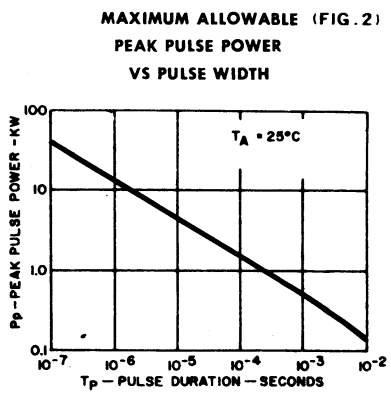
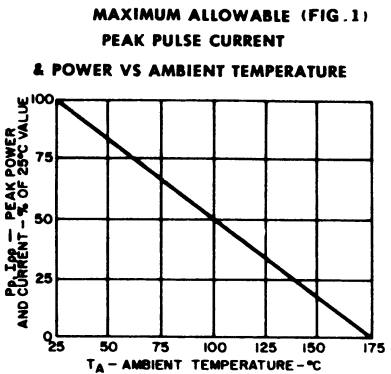
- (1) Exceeding these ratings may impair operation of the semiconductor device.
- (2) The applied current pulse is as shown in the "Pulse Current vs. Time" plot. Maximum Rate of Application is 2 pulses per minute.
- (3) The applied current is 1/2 cycle of a 60 Hz waveform, with a maximum rate of application of 4 pulses per minute.

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INC.

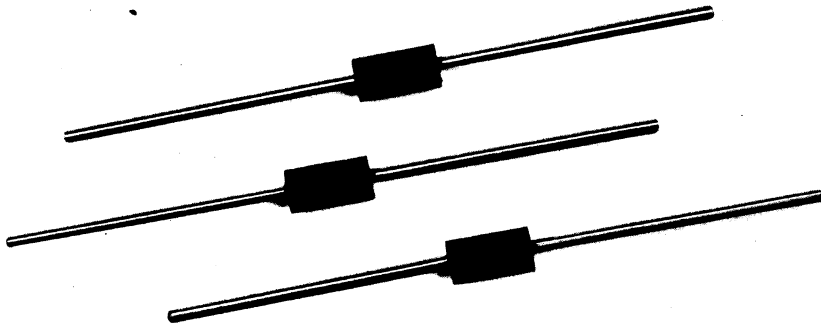


ELECTRICAL CHARACTERISTICS at 25°C:

TYPE NUMBER	REVERSE STAND-OFF VOLTAGE V_R VOLTS	BREAKDOWN VOLTAGE V_B BV VOLTS	I_T mA	MAXIMUM CLAMPING VOLTAGE V_C (1 mSEC) VOLTS	MAXIMUM REVERSE LEAKAGE I_{R1} μ A	MAXIMUM PEAK PULSE CURRENT I_{PP} A	MAXIMUM TEMPERATURE COEFFICIENT OF BV $\%/^{\circ}$ C
TZB6.8A	5.50	6.12 - 7.48	10	10.8	500	37	.057
TZB6.8B	5.80	6.45 - 7.14	10	10.5	500	38	.057
TZB7.5A	6.05	6.75 - 8.25	10	11.7	200	34	.061
TZB7.5B	6.40	7.13 - 7.88	10	11.3	200	35	.061
TZB8.2A	6.63	7.38 - 9.02	10	12.5	100	32	.065
TZB8.2B	7.02	7.79 - 8.61	10	12.1	100	33	.065
TZB9.1A	7.37	8.19 - 10.0	1	13.8	20	29	.068
TZB9.1B	7.78	8.65 - 9.55	1	13.4	20	30	.068
TZB10A	8.10	9.00 - 11.0	1	15.0	20	27	.073
TZB10B	8.55	9.5 - 10.5	1	14.5	5	28	.073
TZB11A	8.92	9.9 - 12.1	1	16.2	2	25	.075
TZB11B	9.40	10.5 - 11.6	1	15.6	2	26	.075
TZB12A	9.72	10.8 - 13.2	1	17.3	2	22	.078
TZB12B	10.2	11.4 - 12.6	1	16.7	2	24	.078
TZB13A	10.5	11.7 - 14.3	1	19.0	2	21	.081
TZB13B	11.1	12.4 - 13.7	1	18.2	2	22	.081
TZB15A	12.1	13.5 - 16.5	1	22.0	2	18	.084
TZB15B	12.8	14.3 - 15.8	1	21.2	2	19	.084
TZB16A	12.9	14.4 - 17.6	1	23.5	2	17	.086
TZB16B	13.6	15.2 - 16.8	1	22.5	2	18	.086
TZB18A	14.5	16.2 - 19.8	1	26.5	2	15	.088
TZB18B	15.3	17.1 - 18.0	1	25.2	2	16	.088
TZB20A	16.2	18.0 - 22.0	1	29.1	2	14	.090
TZB20B	17.1	19.0 - 21.0	1	27.7	2	14.5	.090
TZB22A	17.8	19.8 - 24.2	1	31.9	2	12.5	.092
TZB22B	18.8	20.9 - 23.1	1	30.6	2	13	.092
TZB24A	19.4	21.6 - 26.4	1	34.7	2	11.5	.094
TZB24B	20.5	22.8 - 25.2	1	33.2	2	12	.094
TZB27A	21.8	24.3 - 29.7	1	39.1	2	10	.096
TZB27B	23.1	25.7 - 28.4	1	37.5	2	11	.096
TZB30A	24.3	27.0 - 33.0	1	43.5	2	9.0	.097
TZB30B	25.6	28.5 - 31.5	1	41.4	2	9.5	.097
TZB33A	26.8	29.7 - 36.3	1	47.7	2	8.5	.098
TZB33B	28.2	31.4 - 34.7	1	45.7	2	9.0	.098
TZB36A	29.1	32.4 - 39.6	1	52.0	2	7.5	.099
TZB36B	30.8	34.2 - 37.8	1	49.9	2	8.0	.099
TZB39A	31.6	35.1 - 42.9	1	56.4	2	7.0	.100
TZB39B	33.3	37.1 - 41.0	1	53.9	2	7.5	.100
TZB43A	34.8	38.7 - 47.3	1	61.9	2	6.5	.101
TZB43B	36.8	40.9 - 45.2	1	59.3	2	7.0	.101
TZB47A	38.1	42.3 - 51.7	1	67.8	2	5.9	.101
TZB47B	40.2	44.7 - 49.4	1	64.8	2	6.2	.101
TZB51A	41.3	45.9 - 56.1	1	73.5	2	5.4	.102
TZB51B	43.6	48.5 - 53.6	1	70.1	2	5.7	.102
TZB56A	45.4	50.4 - 61.6	1	80.5	2	5.0	.103
TZB56B	47.8	53.2 - 58.8	1	77.0	2	5.2	.103
TZB62A	50.2	55.8 - 68.2	1	89.0	2	4.5	.104
TZB62B	53.0	58.9 - 65.1	1	85.0	2	4.7	.104
TZB68A	55.1	61.2 - 74.8	1	98.0	2	4.1	.104
TZB68B	58.1	64.6 - 71.4	1	92.0	2	4.4	.104
TZB75A	60.7	67.5 - 82.5	1	108.0	2	3.7	.105
TZB75B	64.1	71.3 - 78.8	1	103.0	2	3.9	.105
TZB82A	66.4	73.8 - 90.2	1	118.0	2	3.4	.105
TZB82B	70.1	77.9 - 86.1	1	113.0	2	3.5	.105
TZB91A	73.7	81.9 - 100.0	1	131.0	2	3.1	.106
TZB91B	77.8	86.5 - 95.5	1	125.0	2	3.2	.106
TZB100A	81.0	90.0 - 110.0	1	144.0	2	2.8	.106
TZB100B	85.5	95.0 - 105.0	1	137.0	2	2.9	.106
TZB110A	89.2	99.0 - 121.0	1	158.0	2	2.5	.107
TZB110B	94.0	105.0 - 116.0	1	152.0	2	2.6	.107
TZB120A	97.2	108.0 - 132.0	1	173.0	2	2.3	.107
TZB120B	102.0	114.0 - 126.0	1	165.0	2	2.4	.107
TZB130A	105.0	117.0 - 143.0	1	187.0	2	2.1	.107
TZB130B	111.0	124.0 - 137.0	1	179.0	2	2.2	.107
TZB150A	121.0	135.0 - 165.0	1	215.0	2	1.95	.108
TZB150B	128.0	143.0 - 158.0	1	207.0	2	1.9	.108
TZB160A	130.0	144.0 - 176.0	1	230.0	2	1.7	.108
TZB160B	136.0	152.0 - 168.0	1	219.0	2	1.8	.108
TZB170A	138.0	153.0 - 187.0	1	244.0	2	1.6	.108
TZB170B	145.0	162.0 - 179.0	1	234.0	2	1.7	.108
TZB180A	146.0	162.0 - 198.0	1	258.0	2	1.5	.108
TZB180B	154.0	171.0 - 189.0	1	246.0	2	1.6	.108
TZB200A	162.0	180.0 - 220.0	1	287.0	2	1.4	.108
TZB200B	171.0	190.0 - 210.0	1	274.0	2	1.5	.108
TZB220A	175.0	198.0 - 242.0	1	344.0	2	1.0	.110
TZB220B	185.0	209.0 - 231.0	1	328.0	2	1.0	.110
TZB250A	202.0	225.0 - 275.0	1	360.0	2	1.0	.110
TZB250B	214.0	237.0 - 263.0	1	344.0	2	1.0	.110
TZB300A	243.0	270.0 - 330.0	1	430.0	2	1.0	.110
TZB300B	256.0	285.0 - 315.0	1	414.0	2	1.0	.110
TZB350A	284.0	315.0 - 385.0	1	504.0	2	1.0	.110
TZB350B	300.0	333.0 - 368.0	1	482.0	2	1.0	.110
TZB400A	324.0	360.0 - 440.0	1	574.0	2	1.0	.110
TZB400B	342.0	380.0 - 420.0	1	548.0	2	1.0	.110



(Pulse Rated) 5W Zener Diode



FEATURES

- 1200 WATTS PEAK POWER
- 5 WATTS @ 75°C AMBIENT
- SURGE RATED
- LOW FORWARD VOLTAGE DROP
- COLD CASE DESIGN (MOLDED)
- HIGH TEMPERATURE OPERATION
- SPECIAL MATCHING AVAILABLE

Semicon TZC Zener diodes are high grade Solid State Voltage Regulators which have been optimized for a dual circuit function. In addition to the characteristics associated with a standard voltage regulator, the TZC Series is specified and tested to perform in transient suppression service. Special attention has been given to the thermal transfer properties of these devices to assure reliable operation under transient overload stress.

(Note 1)

Maximum Temperatures
Ambient Storage and Operating
Range

T_{stg}, T_A -65°C to +175°C

Lead Temperature (For soldering
1/16 inch from case for 10 sec.

230°C

Maximum Power

Peak Power Dissipation (1.0 msec
pulse width, $T_A = 25°C$)
DC Power Dissipation ($T_A = 75°C$)

P_P 1200 Watts
 P_M 5.0 Watts

Maximum Currents

Maximum Pulse Current

I_{PP} See Page 2
(Note 2)

Peak Forward One-Cycle Surge
Current (1/2 60 Hz sine wave)
 $T_A = 25°C$

I_{FM} surge 200 Amps

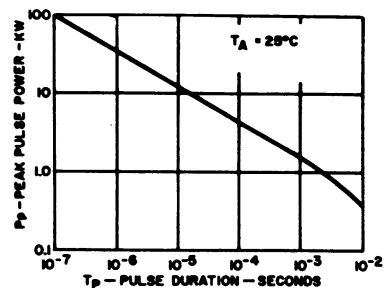
Maximum Forward Voltage
 $T_A = 25°C @ 5.0$ Amps DC

V_F 1.0 Volts

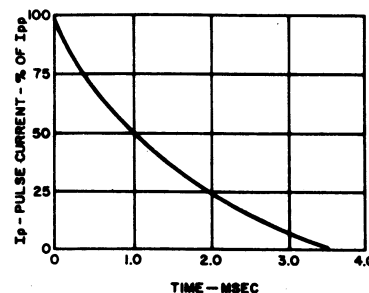
A.C. SUPPRESSION

The TZC series may be purchased in clipper configuration for A.C. transient suppression service. To purchase in clipper configuration add prefix letter "C" to the part number.

MAXIMUM ALLOWABLE (FIG. 1)
PEAK PULSE POWER
VS PULSE WIDTH



PULSE CURRENT VS TIME (FIG. 2)



Notes:

- (1) Exceeding these ratings may impair operation of the semiconductor device.
- (2) The applied current pulse is as shown in the "Pulse Current vs Time" plot. Maximum Rate of Application is 2 pulses per minute.
- (3) The applied current is 1/2 cycle of a 60 Hz waveform, with a maximum rate of application of 4 pulses per minute.

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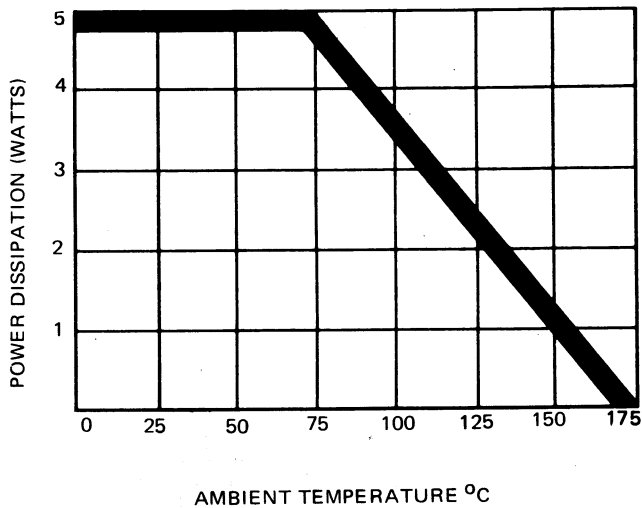


Ratings and Specifications

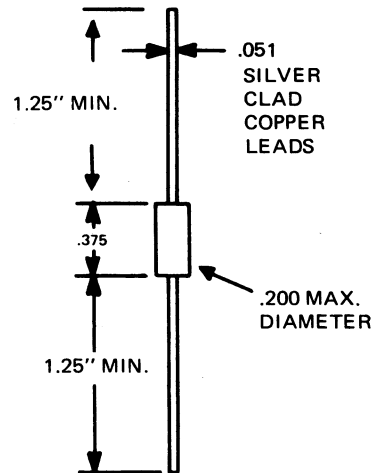
Semicon Part Number	$V_Z @ I_{ZT}$ (Volts)	I_{ZT} (mA)	Dynamic Impedance			I_Z (max.) d.c. mA	$I_R @ 90\%$ Minimum V_Z μA	Peak Reverse Pulse Current (Fig. 2) I_{PP} (Amps)	Typical Zener Voltage Temp. Coeff. %/°C
			Z_{ZT} Ohms	Z_{ZK} Ohms	I_{ZK} mA				
TZC 6.8	6.8	175	1.0	700	1.0	735	1000	147.0	.040
TZC 7.5	7.5	175	1.5	700	0.5	666	500	133.0	.045
TZC 8.2	8.2	150	1.5	700	0.5	609	200	122.0	.048
TZC 9.1	9.1	150	2.0	500	0.5	549	50	110.0	.051
TZC 10	10	125	2.0	500	0.5	500	20	100.0	.055
TZC 11	11	125	2.5	500	0.5	454	10	91.0	.060
TZC 12	12	100	2.5	500	0.5	416	2	83.3	.065
TZC 13	13	100	2.5	500	0.5	384	2	77.0	.065
TZC 14	14	100	2.5	500	0.5	357	2	71.5	.070
TZC 15	15	75	2.5	500	0.5	333	2	66.7	.070
TZC 17	17	70	2.5	500	0.5	294	2	58.8	.075
TZC 18	18	65	2.5	500	0.5	277	2	55.5	.075
TZC 19	19	65	3.0	500	0.5	263	2	52.7	.075
TZC 20	20	65	3.0	500	0.5	250	2	50.0	.075
TZC 22	22	50	3.5	500	0.5	227	2	45.4	.080
TZC 24	24	50	3.5	500	0.5	208	2	41.7	.080
TZC 25	25	50	4.0	500	0.5	200	2	40.0	.080
TZC 27	27	50	5.0	500	0.5	185	2	37.1	.085
TZC 30	30	40	8.0	600	0.5	166	2	33.3	.085
TZC 33	33	40	10.0	600	0.5	151	2	30.4	.085
TZC 36	36	30	11.0	600	0.5	138	2	27.8	.085
TZC 39	39	30	14.0	600	0.5	128	2	25.6	.090
TZC 43	43	30	20.0	800	0.5	116	2	23.2	.090
TZC 45	45	25	20.0	800	0.5	111	2	22.2	.090
TZC 47	47	25	25.0	800	0.5	106	2	21.3	.090
TZC 50	50	25	25.0	1000	0.5	100	2	20.0	.090
TZC 51	51	25	27.0	1000	0.5	98	2	19.6	.090
TZC 52	52	23	30.0	1000	0.5	96	2	19.2	.090
TZC 56	56	20	35.0	1000	0.5	89	2	17.8	.090
TZC 62	62	20	42.0	1200	0.5	80	2	16.1	.090
TZC 68	68	20	44.0	1200	0.5	73	2	14.7	.090
TZC 75	75	20	45.0	1200	0.5	66	2	13.3	.090
TZC 82	82	15	65.0	1400	0.5	60	2	12.2	.090
TZC 91	91	15	75.0	1600	0.5	54	2	11.0	.090
TZC 100	100	12	90.0	1800	0.5	50	2	10.0	.090
TZC 105	105	12	100.0	1800	0.5	47	2	9.5	.095
TZC 110	110	12	125.0	2200	0.5	45	2	9.1	.095
TZC 120	120	10	170.0	2400	0.5	41	2	8.3	.095
TZC 130	130	10	190.0	2600	0.5	38	2	7.7	.095
TZC 140	140	8	230.0	2800	0.5	35	2	7.1	.095
TZC 150	150	8	330.0	3000	0.5	33	2	6.7	.095
TZC 160	160	8	350.0	3200	0.5	31	2	6.2	.095
TZC 180	180	5	430.0	3700	0.5	27	2	5.5	.095
TZC 200	200	5	480.0	4000	0.5	25	2	5.0	.100

*Add suffix "A" for 10%, "B" for 5%, "C" for 1%, "D" for 2%, "E" for 3%. No suffix for 20%.

TEMPERATURE RATING CURVE

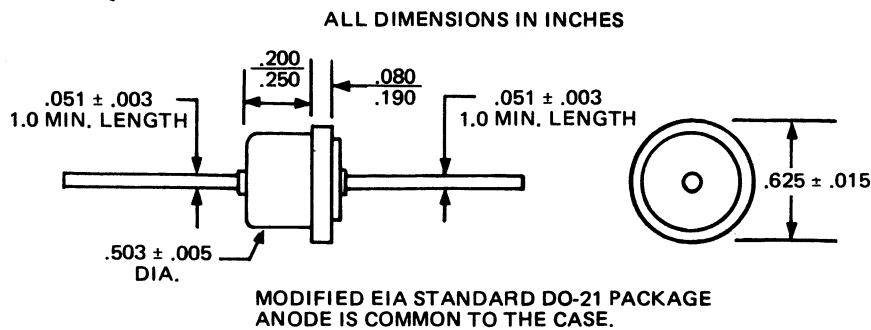


AC PACKAGE



EPOXY MOLDED CASE:
POLARITY INDICATED BY BAND OR SYMBOL

Silicon Voltage Transient Suppressor Diodes



TZV6.2
thru
TZV200A

5000 WATTS (PEAK – 1 MSEC) 6.8 THRU 200 VOLTS

The Semicon TZV series of transient suppressor diodes are designed to protect electronic equipment from failure due to voltage transients. In addition they are intended to perform as voltage clamps under sustained over voltage stress until slower forms of conventional fusing open the circuit. Their initial failure mode under sustained avalanche current overload is short circuit. Their avalanche characteristics coupled with special internal design for rapid junction cooling under pulse power stress makes them most useful in airborne, telephone and other equipments where large transients are frequent.

The inherent fast response of these devices and broad choice of stand-off voltage ratings enables the designer to protect a wide range of both active and passive circuit components which may be damaged by voltage transients.

MAXIMUM RATINGS (NOTE 1)

Maximum Temperatures

Ambient Storage and Operating Range
Lead Temperature (For soldering 1/16
inch from case for 10 seconds)

T_{stg}, T_A -65°C to $+175^{\circ}\text{C}$

230°C

Maximum Power

Peak Power Dissipation (1.0 msec pulse
width, $T_A = 25^{\circ}\text{C}$)
DC Power Dissipation ($T_A = 25^{\circ}\text{C}$)

P_p (Fig. 2) 5000 Watts
 P_M 5.0 Watts

Maximum Pulse Currents

I_{pp} (Fig. 3) See Page 2 and
(Note 2)

Peak Forward One-Cycle Surge Current
(1/2 sine wave, 60 Hz, $T_A = 25^{\circ}\text{C}$)

I_{FM} (surge) 500 Amps
 V_{FM} (surge) 2.5 V

Notes:

- (1) Exceeding these ratings may impair operation of the semiconductor device.
- (2) The applied current pulse is as shown in the "Pulse Current vs Time" plot. Maximum Rate of Application is 2 pulses per minute.
- (3) The applied current is 1/2 cycle of a 60 Hz waveform, with a maximum rate of application of 4 pulses per minute.

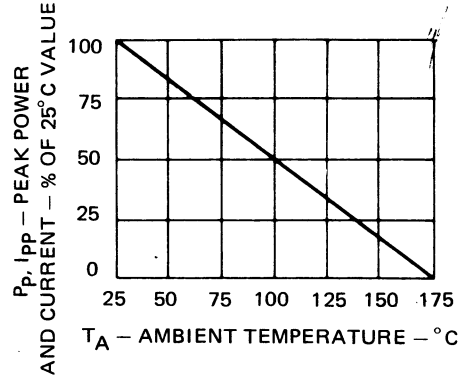
Semicon
INC.



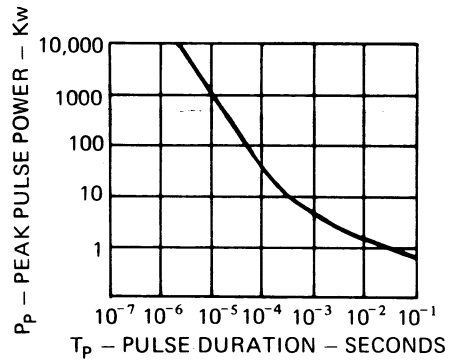
ELECTRICAL CHARACTERISTICS at 25°C:

JEDEC TYPE NO.	Breakdown Voltage		Reverse Stand-Off Voltage V _R	Maximum Clamping Voltage @ I _{pp} (Fig. 3) V _C	Maximum Reverse Leakage @ V _R I _R	Maximum Peak Pulse Current (Fig. 3) I _{pp}	Maximum Temp. Coef. of BV %/°C
	BV Volts	@ I _T mA					
TZV 6.2	5.60	- 6.82	200	5.04	9.6	20K	.055
TZV 6.2A	5.89	- 6.51	200	5.30	9.1	20K	.055
TZV 6.8	6.12	- 7.48	175	5.50	10.8	5K	.057
TZV 6.8A	6.45	- 7.14	175	5.80	10.5	5K	.057
TZV 7.5	6.75	- 8.25	175	6.05	11.7	1000	.061
TZV 7.5A	7.13	- 7.88	175	6.40	11.3	1000	.061
TZV 8.2	7.38	- 9.02	150	6.63	12.5	1000	.065
TZV 8.2A	7.79	- 8.61	150	7.02	12.1	1000	.065
TZV 9.1	8.19	- 10.0	150	7.37	13.8	200	.068
TZV 9.1A	8.65	- 9.55	150	7.78	13.4	200	.068
TZV 10.	9.00	- 11.0	125	8.10	15.0	50	.073
TZV 10. A	9.5	- 10.5	125	8.55	14.5	50	.073
TZV 11.	9.9	- 12.1	125	8.92	16.2	10	.075
TZV 11. A	10.5	- 11.6	125	9.40	15.6	10	.075
TZV 12.	10.8	- 13.2	100	9.72	17.3	5	.078
TZV 12. A	11.4	- 12.6	100	10.2	16.7	5	.078
TZV 13.	11.7	- 14.3	100	10.5	19.0	5	.081
TZV 13. A	12.4	- 13.7	100	11.1	18.2	5	.081
TZV 15.	13.5	- 16.5	75	12.1	22.0	5	.084
TZV 15. A	14.3	- 15.8	75	12.8	21.2	5	.084
TZV 16.	14.4	- 17.6	70	12.9	23.5	5	.086
TZV 16. A	15.2	- 16.8	70	13.6	22.5	5	.086
TZV 18.	16.2	- 19.8	65	14.5	26.5	5	.088
TZV 18. A	17.1	- 18.9	65	15.3	25.2	5	.088
TZV 20.	18.0	- 22.0	65	16.2	29.1	5	.090
TZV 20. A	19.0	- 21.0	65	17.1	27.7	5	.090
TZV 22.	19.8	- 24.2	50	17.8	31.9	5	.092
TZV 22. A	20.9	- 23.1	50	18.8	30.6	5	.092
TZV 24.	21.6	- 26.4	50	19.4	34.7	5	.094
TZV 24. A	22.8	- 25.2	50	20.5	33.2	5	.094
TZV 27.	24.3	- 29.7	50	21.8	39.1	5	.096
TZV 27. A	25.7	- 28.4	50	23.1	37.5	5	.096
TZV 30.	27.0	- 33.0	40	24.3	43.5	5	.097
TZV 30. A	28.5	- 31.5	40	25.6	41.4	5	.097
TZV 33.	29.7	- 36.3	40	26.8	47.7	5	.098
TZV 33. A	31.4	- 34.7	40	28.2	45.7	5	.098
TZV 36.	32.4	- 39.6	30	29.1	52.0	5	.099
TZV 36. A	34.2	- 37.8	30	30.8	49.9	5	.099
TZV 39.	35.1	- 42.9	30	31.6	56.4	5	.100
TZV 39. A	37.1	- 41.0	30	33.3	53.9	5	.100
TZV 43.	38.7	- 47.3	30	34.8	61.9	5	.101
TZV 43. A	40.9	- 45.2	30	36.8	59.3	5	.101
TZV 47.	42.3	- 51.7	25	38.1	67.8	5	.101
TZV 47. A	44.7	- 49.4	25	40.2	64.8	5	.101
TZV 51.	45.9	- 56.1	25	41.3	73.5	5	.102
TZV 51. A	48.5	- 53.6	25	43.6	70.1	5	.102
TZV 56.	50.4	- 61.6	20	45.4	80.5	5	.103
TZV 56. A	53.2	- 58.8	20	47.8	77.0	5	.103
TZV 62.	55.8	- 68.2	20	50.2	89.0	5	.104
TZV 62. A	58.9	- 65.1	20	53.0	85.0	5	.104
TZV 68.	61.2	- 74.8	20	55.1	98.0	5	.104
TZV 68. A	64.6	- 71.4	20	58.1	92.0	5	.104
TZV 75.	67.5	- 82.5	20	60.7	108.0	5	.105
TZV 75. A	71.3	- 78.8	20	64.1	103.0	5	.105
TZV 82.	73.8	- 90.2	15	66.4	118.0	5	.105
TZV 82. A	77.9	- 86.1	15	70.1	113.0	5	.105
TZV 91.	81.9	-100.0	15	73.7	131.0	5	.106
TZV 91. A	86.5	- 95.5	15	77.8	125.0	5	.106
TZV100.	90.0	-110.0	12	81.0	144.0	5	.106
TZV100. A	95.0	-105.0	12	85.5	137.0	5	.106
TZV110.	99.0	-121.0	12	89.2	158.0	5	.107
TZV110. A	105.0	-116.0	12	94.0	152.0	5	.107
TZV120.	108.0	-132.0	10	97.2	173.0	5	.107
TZV120. A	114.0	-126.0	10	102.0	165.0	5	.107
TZV130.	117.0	-143.0	10	105.0	187.0	5	.107
TZV130. A	124.0	-137.0	10	111.0	179.0	5	.107
TZV150.	135.0	-165.0	8	121.0	215.0	5	.108
TZV150. A	143.0	-158.0	8	128.0	207.0	5	.108
TZV160.	144.0	-176.0	8	130.0	230.0	5	.108
TZV160. A	152.0	-168.0	8	136.0	219.0	5	.108
TZV170.	153.0	-187.0	5	138.0	244.0	5	.108
TZV170. A	162.0	-179.0	5	145.0	234.0	5	.108
TZV180.	162.0	-198.0	5	146.0	258.0	5	.108
TZV180. A	171.0	-189.0	5	154.0	246.0	5	.108
TZV200.	180.0	-220.0	5	162.0	287.0	5	.108
TZV200. A	190.0	-210.0	5	171.0	274.0	5	.108

MAXIMUM ALLOWABLE (FIG. 1)
PEAK PULSE CURRENT
& POWER VS AMBIENT TEMPERATURE



MAXIMUM ALLOWABLE (FIG. 2)
PEAK PULSE POWER
VS PULSE WIDTH



PULSE CURRENT VS TIME (FIG. 3)

